



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4961-041
Job Sheet 168434-B



Part No: D4961-041

Job Qty: 2 ea

Part Name: Tube Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 11/14/17

Job Tracking No:

Created By: Linda Lacelle

Due Date: 12/6/17

Type: SOLD

Description:

Note: DWG REV C IPP REV:A 13.10.22 NEW ISSUE DD VERF:JFS IPP REV:B 15.02.18 AS PER DWG REV.B DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		12/5/17	0.00	0.00	Start Up Container		FF
110	Small Fab	2 pcs		12/6/17	0.00	1.19	Small Fab		FF DAS
120	QC	2 pcs		12/6/17	0.00	0.00	QC5		38
130	Packaging	2 pcs		12/6/17	0.00	0.00	Packaging3	St 129	Ar
140	QC21-SA	2 Ea		12/6/17	0.00	0.00	QC21		

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	AN818-L12J	4	75	0	0
	M304TR0.750W.049	1	154	0	0
	MS20819-12J	4	34	0	0

Part Specifications

Specifications could not be found.

AN 818-L12J

MS 304TR0.750W.049

MS 20819-12J

- 5019416 (2)

- 5017137

- 5000556

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5014150 (2)

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS					
Part No. _____		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
NCR No. _____		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
		Large Fab ☐	Composite ☐	Supplier ☐			

Date : _____	Step #: _____	QTY Effective : _____	MRB (QSI042) Approval _____
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Description Work Order Deviation

Completed By _____

Lead hand / Supervisor
Approval Verification _____QC / QA Coordinator
Approval _____

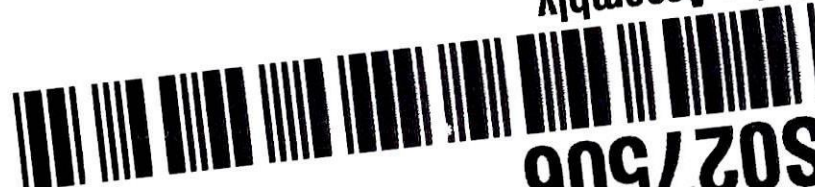
Job No: 168434-B
Mfg Date: 12/29/17

Start up Operation

D4961-041

Change No:
Operation:
Revision:
PART NO:

Tube Assembly



S027506
DART
AEROSPACE

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CANADA
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Root Cause				Root Cause			
Environment ☐	No Re-verification ☐	Pressu ☐		Environment ☐	No Re-verification ☐	Pressu ☐	
Design ☐	Operator ☐	Bendin ☐		Design ☐	Operator ☐	Bendin ☐	
Doc/Data ☐	Offset/Setup ☐	Centre ☐		Doc/Data ☐	Offset/Setup ☐	Centre ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐		Equip/Tooling ☐	Supplier ☐	Cracks ☐	
Handling/Pre ☐	Training ☐	Crimp/K ☐		Handling/Pre ☐	Training ☐	Crimp/K ☐	
Material ☐	Use for Testing ☐	Cuffs ☐		Material ☐	Use for Testing ☐	Cuffs ☐	
Internal Transport ☐	Poor Information ☐	Crushing ☐		Internal Transport ☐	Poor Information ☐	Crushing ☐	
Tribal Knowledge ☐	Rushing ☐	Heat Trea ☐		Tribal Knowledge ☐	Rushing ☐	Heat Trea ☐	
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐		LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	
Substation ☐	Process Improvement ☐	Marks/Chatter ☐		Substation ☐	Process Improvement ☐	Marks/Chatter ☐	
Past Expiry Date ☐	Manufacturing Process ☐			Past Expiry Date ☐	Manufacturing Process ☐		
Misidentified ☐	Past Due ☐			Misidentified ☐	Past Due ☐		
OTHER : _____				OTHER : _____			

ositioned Wrong
tside Dimensions
er/Under tolerance
t Incorrect
t Lost/Missing

Off-set ☐
Mislabeled ☐
Fit/Function ☐
Misaligned/off center ☐

Part Moved ☐
Drawing ☐
Finish ☐
Misread ☐
Turning Sequence ☐



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Inventory

Operation Number	Operation	Serial Number	Job	Quantity	Weight	Original Serial Number	Location	Container	Status	Added	Special Comments	Label	Supplier	Change No
Part Number: D4961-041 Revision: Tube Assembly														
140	QC21-SA	S027506	168434-B	2 Ea	0	S027506	ST129		Stock	12/29/2017	Issue Container			
Operation Totals:		1		2	0									
Part Totals:		1		2	0									
Part Number: M304TR0.750W.049 Revision: 304 Round Tube .750 X .049W														
100	Receive Ft	S027455	168434-B	1 ft	0		Start Up Container		Stock	12/29/2017	Issue Container			
Operation Totals:		1		1	0									
Part Totals:		1		1	0									
Totals:		2		3	0									

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